The Maryland Fruit Grower

Special Program Number

December, 1932

Maryland State Horticultural Society

Sunset Oiled Apple Wraps

FOR BOXED APPLES

Sunset Shredded Oil Paper

FOR BARRELS, HAMPERS AND BASKETS

---

12 lb. Basis 18% Saturation, U. S. P. Oil

ODORLESS, TASTELESS AND PURE

PREVENTS AND CONTROLS SCALD

Insures your fruit and makes marketing early or late in good condition possible. Decorates your container and assures highest prices.

...SOLE DISTRIBUTOR...

FRED C. STRYPE

140 LAFAYETTE STREET **NEW YORK CITY**

STOCKS CARRIED IN ALL GROWING DISTRICTS

Insist upon the genuine—look for the label on the carton

Maryland ◆ Fruit ◆ Grower

Published Monthly By

The Maryland State Horticultural Society

A. F. VIERHELLER, Editor

Vol. 2 December, 1932 No. 12

PROGRAM

THIRTY-FIFTH ANNUAL MEETING

Maryland State Horticultural Society

Horticultural Building, University of Maryland, College Park, Md.

Tuesday and Wednesday, January 3 and 4, 1933

Lord Baltimore Hotel, Baltimore, Maryland

Thursday, January 5, 1933

The officers and Executive Committee of the Society feel that this is a practical and beneficial program that will appeal to every fruit grower. An attempt has been made to analyze the serious problems of the grower, and to get speakers best qualified to discuss these problems.

Note that the topics for discussion include growing, financing, analysis of orchard costs, fruit storage, biennial bearing, drought injury, diagnosis of orchard troubles, economical management practices, foreign and domestic markets, transportation problems, etc.

Beside the meetings there will be a commercial exhibit, student fruit show, educational exhibits and demonstrations, showing the work being done at the University of Maryland for the fruit grower.

Better plan to stay over night. Good rooms at approved tourist homes near College Park, may be reserved at 75c and $1.00 per person, per night. Make reservations upon arrival.

Everything has been done to make your visit to College Park and Baltimore a pleasant one.

Remember the "Get Together Dinner", Tuesday, at 6:30 p. m. at the University Dining Hall. Just a good evening of fellowship, excellent talks, and a dinner for one dollar. Where can you equal this?

Plan now to be present. Bring your neighbor. Top notch program, and excellent speakers. Be on Time. You may miss something.

SEE IT ALL BEFORE YOU GO HOME

PROGRAM

TUESDAY MORNING, JANUARY 3, 1933

HORTICULTURAL BUILDING, COLLEGE PARK

10:00 a. m.

Call to Order.
President G. S. L. Carpenter, Hancock, Maryland.
Report of Secretary-Treasurer.
Mr. A. F. Vierheller, College Park, Maryland.
President's Address.
Mr. G. S. L. Carpenter, Hancock, Maryland.
Appointment of Committees.
Auditing
Nominating
Resolutions

10:30 a. m.

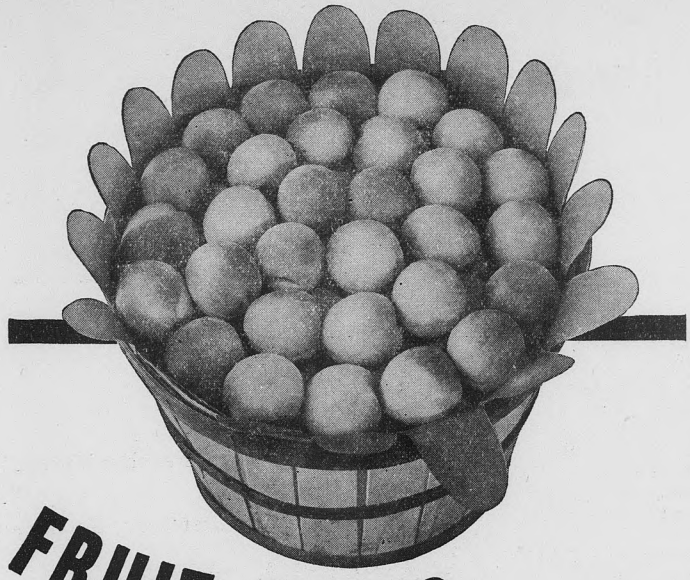
Meeting the Needs of the Tree Economically.
Dr. F. P. Cullinan, Senior Pomologist, U. S. Department of Agriculture, Washington, D. C.

11:15 a. m. to 1:30 p. m.

DEMONSTRATIONS
Fruit Packing and Transportation in Relation to Quality on Arrival.
Dr. D. F. Fisher, Principal Horticulturist, U. S. Department of Agriculture, Washington, D. C.
Pack and Grade Analysis.
Mr. S. B. Shaw, Chief, Maryland Department of Markets, College Park, Maryland.
Inspection of Commercial and Educational Exhibits.
Informal discussions at Educational Exhibits.

DON'T MISS THIS AFTERNOON'S PROGRAM—See Page 6

NOTES



FRUIT SELLS *On eye appeal*

Clean, healthy fruit sells fast and brings top prices. No fruit grower can afford to gamble on the effectiveness of his spray materials. Sulphur controls fungous diseases in proportion to the fineness of its particles; the finer the sulphur, the more effective the control. Koppers Flotation Sulphur is the finest on the market . . . It spreads farther, sticks better to foliage, gets down between the fuzz to the surface of the fruit, where disease spores germinate most actively. Koppers Flotation Sulphur may be added to lead arsenate or zinc lime without chemical change. It will not stain or whiten mature fruit, when used in late sprays . . . and is not entirely brushed off at picking and packing time. Enough clings to the surface of the fruit to protect it during shipping. In Dry Wettable, Dust and Paste forms. Priced right! Goes farther and is more efficient. Don't be deceived by low *tank-cost* . . . results are all that count!

SPRAY WITH KOPPERS FLOTATION SULPHUR

NONE GENUINE WITHOUT THIS TRADEMARK
KOPPERS
FLOTATION SULPHUR

Fifteen times finer than 300 mesh

In addition to Flotation Sulphur in Paste, Dry Wettable and Dust form, we manufacture Tar Oil Dormant Spray; Agricultural Weed Killers; Non-Caking Sulphate of Ammonia; Coal Tar Disinfectants; Wood Preservers; Cattle Sprays and Poultry House Sprays.

Write for full information and prices

KOPPERS PRODUCTS COMPANY

KOPPERS BUILDING — PITTSBURGH, PA.

VISIT THE EXHIBITS—ASK QUESTIONS

THINGS TO SEE

Student Fruit Stow.
Educational Demonstrations (See Pages 2 and 6)
Educational Exhibits—
- Pruning
- Propagation
- Root Stock Studies
- Effects of Fertilizers
- Insect and Disease Control
- Diagnosing the Needs of the Tree

COMMERCIAL EXHIBITS TO DATE

Alban Tractor Company, Tillage Machinery.
Bountiful Ridge Nurseries, Nursery Stock.
B. G. Pratt Company, Scalecide.
Central Chemical Company, Spray Material.
Clark Stek-O Corporation, Packing Material.
F. A. Reed & Planters Mfg Company, Packages, Packing Material.
General Chemical Company, Spray Material.
Harrison's Nurseries, Nursery Stock.
Hagerstown Spray Material Company, Spray Materials, Fertilizers.
H. V. Hart, Hardie Sprayers.
International Harvester Company, Tillage Machinery.
Lupton Orchard Service Company, General Orchard Supplies.
Moore & Munger, Spray Oils.
Rice, Trew, Rice Company, Packing Material.
Tobacco By-Products and Chemical Corp., Tobacco Sprays.
Warner Company, High Grade Lime.
Wayland Machinery Company, Fruit Grading Machinery.

STRAWBERRIES

Should be considered where a

CASH CROP

Is Wanted

ALLEN'S 1933 BOOK OF BERRIES

Contains Valuable Information

about

Standard and Everbearing Kinds

New Varieties of Higher Quality

We have a Free Copy for you

THE W. F. ALLEN COMPANY

Camden Avenue **SALISBURY, MD.**

DO NOT FAIL TO SEE

THE NEW "BEAN" ENCLOSED PUMP

FOR SPRAYING

also the

TURBINE PUMP

FOR IRRIGATING

On Display at

MARYLAND HORTICULTURAL MEETING

LUPTON ORCHARD SERVICE COMPANY

WINCHESTER, VIRGINIA

Phone 1100

TUESDAY AFTERNOON, JANUARY 3, 1933

HORTICULTURAL BUILDING, COLLEGE PARK

1:30 p. m.

Profitable Peach Production—Growing—Selling—Financing.
Mr. C. E. Bryan, Havre de Grace, Maryland.

2:15 p. m.

Diagnosing Peach Problems.
Dr. J. H. Beaumont, Head, Department of Horticulture, University of Maryland, College Park, Maryland.

3:00 p. m.

Fruit Production Costs—How Can We Reduce Them?
Mr. Frank W. Farnsworth, Fruit Grower, Waterville, Ohio.

4:00 to 6:00 p. m.

DEMONSTRATION

Freezing of Fruits.
Dr. J. S. Caldwell, Senior Physiologist, U. S. Department of Agriculture, Washington, D. C.

Inspection of Commercial and Educational Exhibits. Informal discussions at Educational Exhibits.

DON'T MISS TONIGHT'S PROGRAM—See Page 8

CENTRAL CHEMICAL CO. ESTABLISHED 1885 GRO-ALL SPRAYS HAGERSTOWN, MD.

GRO-ALL PROGRESSIVE PRODUCTS

PRICED RIGHT AND GIVE POSITIVE RESULTS

TAROLENE	The complete dormant Spray for APHIS egg and SCALE. Used extensively by large Virginia orchards with remarkable results. Kills APHIS—Kills SCALE.
"GRO-ALL" EMULSION . .	The economical and efficient 83% Paste Oil Emulsion.
"CENCO" EMULSION . . .	A real 66⅔% Oil Emulsion.
VIRGINIA DRY MIX	Dust Mixtures and all other Sprays for the protection of your crops.

SUPERFINE SULPHUR, COMMERCIAL SULPHUR
LIME SULPHUR SOLUTION ARSENATE OF LEAD

Manufactured by

CENTRAL CHEMICAL CO., Inc.

HAGERSTOWN, MARYLAND

MONEY MAKERS

RICHARED

TRADE MARK REGISTERED IN U. S. PATENT OFFICE

The DELICIOUS Supreme

The Tried and Proven ALL RED DELICIOUS APPLE

BLAXTAYMAN

TRADE MARK REG

THE IMPROVED ALL-RED STAYMAN

The tried and proven planters' dream of a beautiful solid red Stayman's Winesap apple. **Write for information.**

250,000 Apple trees. One and two years old. All leading varieties.

GALLIA BEAUTY—The All Red Rome Beauty

LOBO—The Improved McIntosh

STARR—New Jersey's Best Early Apple

GOLDEN JUBILEE—The Best Early Peach Yet Introduced

We have thousands of fine one and two year trees of the above varieties grown to meet your most exacting requirements, also a complete variety of all Fruits, Ornamental Shrubs, Shade Trees, Roses, Evergreens and Azaleas and Rhododendrons.

4,000 York Imperial, large 2 and 3 year old Trees, especially suited for replanting, at $20.00 per hundred, or $160.00 per 1,000. Don't miss these as they are just the thing for replanting your York orchards. Plant plenty of Richared Delicious and Black Staymans, they will make you money. 5,000,000 Strawberry plants. Best money making varieties. Blackberries and Raspberries. Also Grapes and Currants.

10,000 YORK IMPERIAL APPLE TREES

THE FINEST IN THE COUNTRY

Mostly one year old. 4'-6' high; 9-16" to 5-8" in caliper.

DO YOU WANT THEM? THEY WERE GROWN FOR YOU!

Plant this Fall and next Spring—Best by actual test

Get Our Catalogue—We will save you money

BOUNTIFUL RIDGE NURSERIES

PRINCESS ANNE, MARYLAND

BUY DIRECT AND SAVE ONE-THIRD OF YOUR MONEY

PROGRAM

TUESDAY EVENING, JANUARY 3, 1933

UNIVERSITY DINING HALL, COLLEGE PARK

6:30 p. m.

ANNUAL GET TOGETHER DINNER

Senator W. Earle Withgott, Presiding

Address of Welcome.
Dr. Raymond A. Pearson, President, University of Maryland.

The American Fruit Grower and International Trade.
Mr. Sam E. Fraser, International Apple Association, Rochester, New York.

The Argentine Embargo and Its Effects on Our Growers.
Dr. T. B. Symons, Director, Extension Service, University of Maryland, College Park Maryland.

DON'T MISS TOMORROW MORNING'S PROGRAM—See Page 10

Harner
FOR EVERY ORCHARD USE
Time-Tested Limes
for Spraying
BELL-MINE LIME
for Soil Treatment
WARNER HYDRATED LIME or PULVERIZED QUICK LIME
Harner Company
WILMINGTON . . . . DELAWARE

VISIT THE EXHIBITS—ASK QUESTIONS

NEW LOWER PRICES

...and...

Delivered Free to Your Railroad Station

SUNOCO

SELF EMULSIFYING SPRAY

CONTROLS SCALE, APHIS, RED MITE

Mixes with hard water
Will not freeze
Effective and safe

WRITE FOR SPRAY SCHEDULE AND PRICES

SUN OIL COMPANY

Spray Department

1608 WALNUT STREET **PHILADELPHIA, PENNA.**

PROGRAM

WEDNESDAY MORNING, JANUARY 4, 1933

HORTICULTURAL BUILDING, COLLEGE PARK

9:30 a. m.

Factors Influencing Biennial Bearing of Fruit Trees.
Dr. J. R. Magness, Senior Pomologist, U. S. Department of Agriculture, Washington, D. C.

10:15 a. m.

Common or Cold Storage at the Orchard? Their Cost.
Mr. Meredith P. Reed, Fruit Grower, Vincennes, Indiana.

11:00 a. m.

Making the Orchard Profitable.
Mr. Byron Roberts, Fruit Grower, Marlton, New Jersey.

Inspection of Commercial Exhibits. Informal Discussions at Educational Exhibits.

DON'T MISS THIS AFTERNOON'S PROGRAM—See Page 14

NOTES

DENDROL
Dormant Spray Oil
An Improved Miscible Oil for Dormant and Delayed Dormant Spraying of Fruit and Rose Trees and Shrubbery.

FRUIT GROWERS MUST ECONOMIZE!

Use the Best . . . At Lowest Cost

WIPE OUT SAN JOSE SCALE

. . with . .

DENDROL Dormant Spray Oil

SPECIAL NOTE: In the worst infested area in the United States

DENDROL

during the past five years gave 99.4% to 100% kill of San Jose Scale —using only two (2) gallons with 98 of water.

A GROWER in the South (name on request) recently wrote:

"I have used other brands of oil and did not get but very little results, although I used 4% to 5% strength. I am elated over results from your oil as I now feel I have scale under control and will not have to go back to lime sulphur which I detest to use."

---

1. Dendrol is America's Scientific Miscible Oil.
2. Dendrol was developed with co-operation of the Crop Protection Institute.
3. Dendrol is approved by State Experimental Stations in all sections of the country.
4. Dendrol costs less per tank of diluted spray.
5. Dendrol has 98.6% active ingredients—practically no water.
6. Dendrol is an easy-flowing liquid oil—not an ordinary emulsion.
7. Dendrol wipes out Peach Lecanium Scale and other species of scale.
8. Dendrol gives best kill of red mite.

DEALERS and GROWERS—Ask our Mr. Luginbuhl at the meetings for free illustrated booklet and sample of Dendrol, or write to

MOORE & MUNGER

33 RECTOR STREET NEW YORK CITY

NOTE:—Use Verdol Summer Spray Oil to kill late brood codling moth eggs and young worms.

CLARK-ROCHESTER

CLARK POWDER SNO-BAK PASTE PRODUCTS

Call at Our Booth and See Our Demonstration

Manufacturers of a full line of

CORRUGATED CAPS

(Patent Pink Ventilated and Plain)

LINERS

FRUIT CUSHIONS

CAR LINING PAPER

SHREDDED OIL PAPER

(Colored)

STEK-O POWDER PASTE

(For Labeling)

CLARK STEK-O CORPORATION

STEK-O HILL ROCHESTER, NEW YORK

Hundreds of Fruit Growers have adopted and are pleased with . . .

The CYANAMID PLAN of Fertilizing Fruit Trees

It involves no radical changes from the best orchard practices.

The Plan requires:

1. **Growing of luxuriant cover crops when trees are young**
2. **Use of phosphate and potash as required by the cover crops**
3. **Plowing under or discing into soil of these cover crops**
4. **Occasional breaking up of any permanent sod allowed to develop**
5. **Annual use of Aero Cyanamid to supply required nitrogen and lime**

GC Aero Cyanamid GRANULAR 22% NITROGEN 70% HYDRATED LIME

AERO CYANAMID

A Superior Fruit Fertilizer

—Supplies a high percentage of available nitrogen.
—It sweetens the soil and destroys soil acids.
—It holds fast to the soil and is not washed out by rains.
—It helps free soil of weeds and disease organisms.
—It is quick-acting and long-lasting.

Aero Cyanamid, liberally applied in advance of planting, is also an exceptionally effective fertilizer for vegetables. In addition to supplying nitrogen and lime to feed the plants, it serves as a partial sterilizing agent, aiding in the control of nematodes, the club root of cabbage and other disease organisms. Write for special booklet.

Send for booklet on "The Cyanamid Plan of Fertilizing Fruit," including apples, cherries, citrus, grapes, peaches, pears, pecans, plums and small fruit.

CYANAMID PRODUCTS

AMERICAN CYANAMID COMPANY

Manufacturers of Aero Cyanamid and Ammo-Phos

535 Fifth Avenue New York, N. Y.

Cyanamid is NITROGEN plus LIME

HELP YOUR HORTICULTURAL SOCIETY TO GROW

PROGRAM

WEDNESDAY AFTERNOON, JANUARY 4, 1933

HORTICULTURAL BUILDING, COLLEGE PARK

1:30 p. m.

Pertinent Facts on Present-Day Insect Control Problems.
Dr. E. N. Cory, State Entomologist, University of Maryland, College Park, Maryland.

2:00 to 3:15 p. m.

Our Problems—How We Plan to Correct Them.
Mr. Byron Roberts, Marlton, New Jersey.
Mr. Frank W. Farnsworth, Waterville, Ohio.
Mr. Meredith P. Reed, Vincennes, Indiana.
Mr. C. E. Bryan, Havre de Grace, Maryland.

3:15 to 4:00 p. m.

Drought Injury—Its Occurrence and Correction.
Dr. E. C. Auchter, Principal Horticulturist in Charge, Office of Horticultural Crops and Diseases, U. S. Department of Agriculture, Washington, D.C.

4:00 to 6:00 p. m.

Inspection of Commercial and Educational Exhibits. Informal Discussions at Educational Exhibits.

ON TO BALTIMORE TOMORROW. BIG MEETING. IMPORTANT SUBJECTS—See Page 18

NOTES

DON'T MISS THE COMMERCIAL EXHIBITS

NOTES

DON'T MISS THE COMMERCIAL EXHIBITS

RICE, TREW & RICE COMPANY

BIGLERVILLE, PA.

SHOWING IN THE EXHIBIT ROOM

NEW R. T. R. SCALLOP LINER

CORRUGATED CAPS

FRUIT CUSHIONS

PACKING FORMS

BARREL SHAKERS

BASKET LIDDERS

ORCHARD BRAND

REG. U.S. PAT. OFF.

Reliability

...will protect your investment in Spray and Dust Applications

OIL EMULSION
LIME SULPHUR SOLUTION
DRY LIME SULPHUR
BORDEAUX MIXTURE
DRITOMIC SULPHUR
ARSENATE OF LEAD
ARSENATE OF ZINC
ARSENATE OF CALCIUM
PARADICHLORO-BENZENE
NICOTINE SULPHATE
SULPHUR DUSTS
with and without arsenical
BORDEAUX DUST

Descriptive literature on request

119

TWO generations of orchardists have relied on the ORCHARD BRAND name for quality of spray materials—and on the soundness and conservatism of ORCHARD BRAND recommendations in meeting the ever-growing problems of insect and disease control. Use ORCHARD BRAND Spray and Dust materials for your regular crop protection—and let our field service staff advise you in meeting unusual conditions. Their advice is practical and creates no obligation.

GENERAL CHEMICAL COMPANY
40 Rector Street, New York, N. Y.

Investigate the new "APPLE DRITOMIC" Sulphur for more effective control of apple scab this season.

PROGRAM

THURSDAY MORNING, JANUARY 5, 1933

LORD BALTIMORE HOTEL, BALTIMORE, MARYLAND

10:00 a. m.

The Railroad Situation.

Hon. J. J. Cornwell, General Counsel, Baltimore and Ohio Railroad, Baltimore, Maryland.

11:00 a. m.

Financing the Fruit Grower and Farmer.

Mr. Hugh Leach, Managing Director, Baltimore Branch, Federal Reserve Bank, Baltimore, Maryland.

PLAN TO ATTEND THE AFTERNOON SESSION OF THE MARYLAND FARM BUREAU FEDERATION PROGRAM

OUR ADVERTISERS

Alban Tractor Company, Baltimore, Maryland.
American Cyanamide Company, New York, N. Y.
Bean Manufacturing Company, Lansing, Michigan.
B G. Pratt Company, New York, N. Y.
Bountiful Ridge Nurseries, Princess Anne, Maryland.
Central Chemical Company, Baltimore, Maryland.
Clark Stek-O Corporation, Rochester, New York.
F. A. Read, Inc., Albion, New York.
Fred C. Strype, New York, N. Y.
General Chemical Company, New York, N. Y.
Hagerstown Spray Material Company, Hagerstown, Maryland.
International Harvester Company, Baltimore, Maryland.
Koppers Products Company, Pittsburg, Pennsylvania.
Lupton Orchard Service Company, Winchester, Virginia.
Moore and Munger, New York, N. Y.
Planters Manufacturing Company, Portsmouth, Virginia.
Rice, Trew, Rice Company, Biglerville, Pennsylvania.
Sun Oil Company, Philadelphia, Pennsylvania.
Tobacco By-Products and Chemical Corporation, Louisville, Kentucky.
Warner Company, Philadelphia, Pennsylvania.
W. F. Allen Company, Salisbury, Maryland.
Wayland Machinery Company, Covesville, Virginia.

MENTION THIS PROGRAM WHEN WRITING OUR ADVERTISERS

The Place To Buy Your Spray Materials

Twenty years in the Insecticide business

We manufacture and distribute a complete line as follows:

"Hy-Grade" Lime-Sulphur Solution.
"Hy-Grade" New Process Oil Paste—90% Paraffine Oil; 10% Special Fish Soap. Manufactured under Government formula.
Refined Oil—for making Oil Emulsion.
Cresylic Acid—dark, approved grade.
Nicotine Sulphate, 40% and 50% Nicotine. We specialize in this material. Special price.
Paradichlorobenzene (Peach Borer destroyer)
Sulphurs (all grades).
Arsenate of Lead.
Calcium Arsenate.
Bordeaux Mixture.
Oxo Bordeaux.
Casein Spreader.
Copper Sulphate (Blue Stone) all grades.
Lime, high Calcium, especially fine for spraying purposes, approved.
Koppers' Flotation Sulphur, for Summer Spray.
"Soco" Wettable Sulphur.
Dry Mix (Jersey).
Dry Lime-Sulphur.

DUSTING MATERIALS

SULPHUR DUSTS **COPPER DUSTS**

(all standard formulas)

Largest Manufacturers of "Hy-Grade" Lime-Sulphur Solution and New Process Oil Paste and Sulphur Grinders in the middle East.

Largest distributors to Orchardists, of Nitrates—Chilean 16% and Cyanamid, 22% Nitrogen.

Before purchasing elsewhere, get our prices.

Hagerstown Spray Material Co.
(Hagerstown Sulphur Works)
Hagerstown, Md.

Southern Chemical Co.
Winchester, Va.

Corrugated Caps
Basket Liners
Packing Sets
Oiled Paper
Cushions

F. A. READ, Inc.

WINCHESTER, VIRGINIA

ALBION, N. Y. BOSTON, MASS.

We
Make
Truck Deliveries
Service - Quality
- Price -

WAYLAND GRADING EQUIPMENT

for

FRUITS AND VEGETABLES

SIZERS
GRADERS
ELIMINATORS
POLISHERS
WASHERS
DRYERS
CONVEYORS
ETC.

WAYLAND MACHINERY COMPANY, Inc.

COVESVILLE, VIRGINIA

Edwin C. Tyson
Flora Dale, Pa.

T. S. Smith & Sons
Bridgeville, Del.

Jno. W. Rees
Winchester, Va.

SEE IT ALL BEFORE YOU GO HOME

McCormick-Deering Orchard Tractors

...and...

T20 Tractors

...with...

Orchard Tools

For Better Orchards

Sold and Serviced Everywhere

...by...

McCORMICK-DEERING DEALERS

INTERNATIONAL HARVESTER COMPANY OF AMERICA

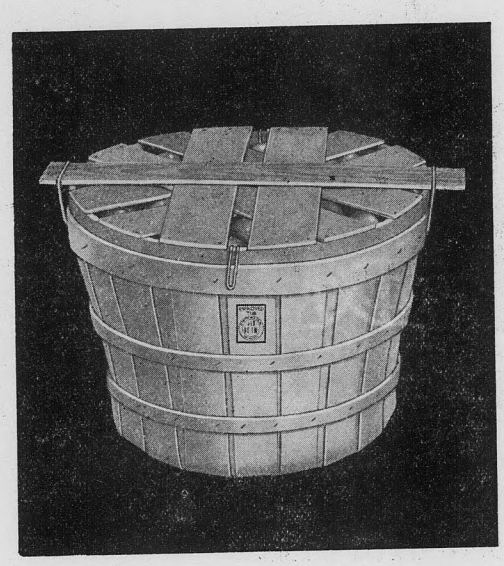
BALTIMORE, MARYLAND

GENUINE

REPAIRS

Flat Bottom
Three Hoops

Straight Sides
Improved Handles



New Improved Tub —A Real Tub

The hoops are only three inches apart and the bottom hoop is placed just above the bottom rim of the basket so it will give support at its weakest point. The staves at the bottom are bent—not broken, thereby retaining maximum strength where it is needed. The bottom will not sag. We were the original designers of this tub and now it is the biggest seller in the country.

Bent Bottom Tub

A good tub for shipping and storage. We are favored with an abundance of select timber and through our skilled labor and careful inspection can supply you with high quality packages at any time.

We also make Bushel Export Tubs, Round Bushel Baskets and half bushel baskets. We are the largest manufacturers in the United States. Write for prices and free samples.

Planters Manufacturing Co., Inc.

PORTSMOUTH, VIRGINIA

For Quality Fruit and Vegetables

KILL INSECTS!

APHIS, THRIPS,

LEAF-HOPPER

Experiment Stations recommend both "Black Leaf 40" and "Black Leaf 50" for controlling these pests.

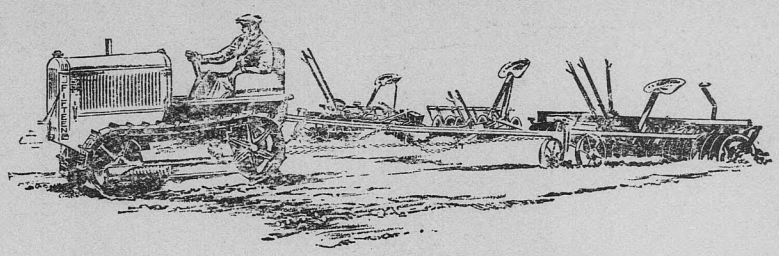
KILL by CONTACT and FUMES

NICOTINE TANNATE—developed by Research at the New Jersey Experiment Station as one of the outstanding controls for Codling Moth.

A cordial invitation is extended you to visit our Booth at the Annual Horticultural Meeting and learn of this development.

TOBACCO BY-PRODUCTS & CHEMICAL CORPORATION, Inc.

LOUISVILLE, KENTUCKY



——o——

CATERPILLAR Tractors are BETTER, QUICKER, and CHEAPER for all farm and horticultural uses where dependable power and traction is required at the lowest possible cost of production. We are confident that we should exercise the same care and thought in buying machinery as that of selecting our seeds and plants.

We carry at all times a complete stock of CATERPILLAR Tractors and proven machinery to work with them which are the latest and proven equipment for the farmer. Ask us to demonstrate and furnish you with the cost of seed bed and cultivation costs. This is free for the asking!

CATERPILLAR Tractors, CATERPILLAR Combines, mowers, rakes, Killefer tillage equipment.

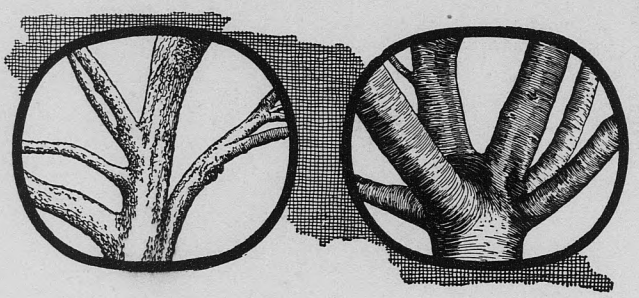
——o——

CATERPILLAR

ALBAN TRACTOR CO., Inc.

725-727 EAST 25th STREET

Telephones: Belmont 7777-7778 **Baltimore, Md.**



Get Your Money's Worth!

When you spray with Scalecide you not only **control** scale, **check** red mite and **kill** aphis, but you invigorate the trees.

No orchard operation does so much in the building up and retaining the vigor of the trees as the dormant application of Scalecide. You simply cannot grow fruit with rundown trees. If you will build up your trees at this time—whether anyone else in the industry does it or not—you will have vigorous trees, bearing profitable crops when others are wondering why they cannot make money out of their fruit.

LOWEST PRICES IN 28 YEARS

Scalecide is now being sold at the lowest prices in 28 years. The accumulated reduction in the price of Scalecide during the past few years is the greatest in the insecticide industry.

Plan now to put on a good thorough spray with Scalecide and revive the rundown trees. Scalecide does all that can be done at that particular time with any spray or combination of sprays. Scalecide is the **complete dormant spray.**

B. G. PRATT COMPANY

DEPARTMENT F **NEW YORK**

SCALECIDE

THE COMPLETE DORMANT SPRAY

"Makes a Tree Outgrow Its Troubles"